

Converting Colors

YIQ(93.5610, -83.3610, 40.5030)

Have a look what the booklet for
YIQ(93.5610, -83.3610, 40.5030)
contains.

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Color

**YIQ(93.5610, -83.3610,
40.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	275AFF
RGB	39, 90, 255
RGB Percent	15%, 35%, 100%
CMY	0.8470, 0.6470, 0.0005
CMYK	0.85, 0.65, 0.00, 0.00
HSL	226°, 100%, 58%
HSV	226°, 85%, 100%
XYZ	22.5257, 14.9597, 96.2093
YIQ	93.5610, -83.3610, 40.5030

Conversions

Conversions Part 2

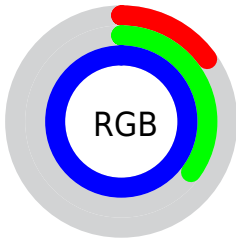
Format	Color
RYP	39, 80, 255
Decimal	2579199
CIELab	45.58, 43.99, -85.75
CIElCh	46, 96.375, 297.161
Yxy	14.9597, 0.1685, 0.1119
Android (android.graphics.Color)	4280769279 (0xFF275AFF)
YUV	93.5610, 79.5894, -47.8500
Hunter-Lab	38.6778, 36.2710, -120.4068




Details

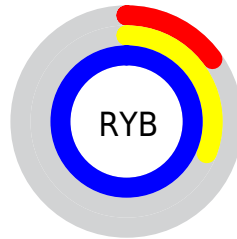
The YIQ color **93.5610, -83.3610, 40.5030** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **200.4390, 83.3610, -40.5030**, and the grayscale version is **93.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **148.6250, -45.8550, 32.5850**, and **48.8730, -75.6120, 37.7320** is the 20% darker color. If you saturate the color by 10%, you get **74.9330, -93.0360, 45.1400**, and if you desaturate by 10%, it is **112.4880, -73.0900, 36.0780**.

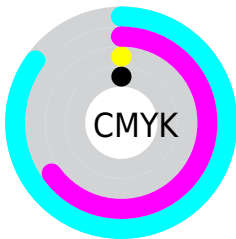
Distribution







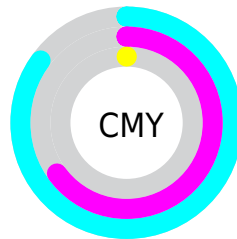
-  Red (15%)
-  Green (35%)
-  Blue (100%)






-  Red (15%)
-  Yellow (31%)
-  Blue (100%)



-  Cyan (85%)
-  Magenta (65%)
-  Yellow (0%)
-  Black (0%)



-  Cyan (85%)
-  Magenta (65%)
-  Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 93.5610, -83.3610, 40.5030 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 93.5610, -83.3610, 40.5030 by changing the saturation by 10% instead.

■ 93.5610, -83.3610,
40.5030

■ 93.5610, -83.3610,
40.5030

■ 255.0000, -0.0000,
-0.0000

■ 65.0930, -90.9710,
35.2450

■ 148.6250,
-45.8550, 32.5850

■ 48.8730, -75.6120,
37.7320

■ 173.7540,
-33.3370, 25.9830

■ 34.5280, -61.3990,
38.9610

■ 199.4700,
-21.0940, 18.8580

■ 21.9440, -48.0110,
38.6210

■ 225.4740, -9.7220,
10.9980

■ 14.8710, -37.7400,
34.1960

■ 252.0650, 1.3750,
2.6150

■ 17.7770, -32.1440,
20.8800

■ 11.4050, -22.4690,

16.2430

■ 6.4350, -13.9860,
11.1820

■ 2.8670, -6.6950,
5.6970

■ 93.5610, -83.3610,
40.5030

■ 93.5610, -83.3610,
40.5030

■ 74.9330, -93.0360,
45.1400

■ 112.4880,
-73.0900, 36.0780

■ 64.2900, -98.3550,
47.9250

■ 131.7030,
-63.6900, 30.9180

■ 150.3310,
-54.0150, 26.2810

■ 169.8450,
-44.0190, 21.3330

■ 188.4730,
-34.3440, 16.6960

■ 207.9870,
-24.3480, 11.7480

■ 226.6150,
-14.6730, 7.1110

■ 246.1290, -4.6770,
2.1630

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



101.2710, -115.6800, 14.9760



93.5610, -83.3610, 40.5030



79.8660, 51.1950, 101.9710

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.5610, -83.3610, 40.5030



93.5360, 101.1870, 10.9070



91.5910, -69.1330, -41.1730

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



93.5610, -83.3610, 40.5030



200.4390, 83.3610, -40.5030

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.0710, -36.5750, -69.5590



93.5610, -83.3610, 40.5030



101.7230, 53.9230, -24.6130

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.5610, -83.3610, 40.5030



74.6400, 126.3030, 62.3590



89.2330, -1.3200, -53.1920



102.1130, -96.0050, -16.7170

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.5610, -83.3610, 40.5030



84.8160, 89.0220, 93.7420



89.2330, -1.3200, -53.1920



87.6980, -59.5490, -49.6690

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



93.5610, -83.3610, 40.5030



207.1010, -24.6690, 12.0590



184.2600, -111.4020, -62.5860



98.7290, -14.9940, 7.4220



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.5610, -83.3610, 40.5030



64.2900, -98.3550, 47.9250



79.7700, -37.1520, 78.6240



118.2430, -4.9980, 2.4740



48.1890, -73.6860, 35.8660



16.1010, -24.6690, 12.0590

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



109.3980, 112.3650, 61.6530



83.0850, 132.7200, 72.7200



214.2300, 37.1520, -78.6240



119.2290, 6.7850, 3.6890



62.2390, 99.3910, 54.4870



20.8460, 33.3290, 18.2330

Previews

White Background



This preview shows how the YIQ color 93.5610, -83.3610, 40.5030 looks on a white background.

Color Contrast Check

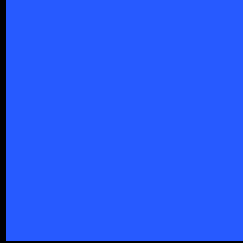
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 93.5610, -83.3610, 40.5030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 93.5610, -83.3610, 40.5030

Background



This preview shows how black text looks on a background with the YIQ color 93.5610, -83.3610, 40.5030.



This preview shows how white text looks on a background with the YIQ color 93.5610, -83.3610,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

93.5610, -83.3610, 40.5030

Protanopia

85.3130, -98.3030, 13.9290

Deuteranopia

85.7740, -89.9560, 0.3160



Tritanopia

84.2170, -73.1710, -23.0510

Trichromacy



Original Color

93.5610, -83.3610, 40.5030

Protanomaly

88.0460, -92.7570, 23.5550

Deuteranomaly

88.7010, -87.7120, 14.7200

Tritanomaly

87.3040, -76.8890, 0.2870

Monochromacy



Original Color

93.5610, -83.3610, 40.5030

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

94.1590, -30.5840, 14.6320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 93.5610, -83.3610, 40.5030 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(39, 90, 255)` looks like.

```
.text, #text, p{  
    color:rgb(39, 90, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(39, 90, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 90, 255) }
```

Border

The CSS property to change the border of an element to YIQ 93.5610, -83.3610, 40.5030 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(39, 90, 255) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(39, 90, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(39, 90, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 90, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 90, 255);  
box-shadow:4px 4px 4px 4px rgb(39, 90,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 93.5610, -83.3610, 40.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 90, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(39, 90,  
255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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